

PTO/8B/08A (10-01)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 19

Complete if Known

Application Number	08/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner
Attorney Docket Number	15270J-004781US

U.S. PATENT DOCUMENTS

Examiner	Clk No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Child Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ^a (If known)			
206	08/724,542		11-28-2000	Chelifour et al.	
283	08/741,140		11-16-1999	Solomon et al.	
242	08/728,594		N/A	Chelifour et al.	
289	08/768,687		N/A	Cheln	
295	08/784,504		N/A	Holtzman et al.	
299	08/788,295		N/A	Reamussen et al.	
208	08/854,485		N/A	Holtzman et al.	
287	08/854,489		N/A	Holtzman et al.	
326	2002/0136718 A1		09-26-2002	Raso	
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2	5,958,883		09-28-1999	Snow	
3	5,955,317		09-21-1999	Suzuki et al.	
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13	5,763,624		05-19-1998	McMichael et al.	

Examiner
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 19

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1547
Examiner Name	Sharon L. Turner WICM023
Attorney Docket Number	15270J-004761US

14	5,730,349	05-12-1998	Suzuki et al.	
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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Claim Document	Pages, Columns, Lines, Where Relevant Paragraphs or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	35	EP	911 038	A2	04-28-1999			
	36	EP	866 918	A2	10-07-1998			
	37	EP	863 211	A1	09-08-1998			
	38	EP	845 270	A1	08-03-1998			

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Date Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 19

Complete If Known

Application Number	09/724,652
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270J-004781US

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40	EP	683 234	A1	11-22-1996		
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**INFORMATION DISCLOSURE
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Sheet 4 of 10

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sheron L. Turner
Attorney Docket Number	15270J-004761US

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208	PCT	95/25471	A1	09-19-1998	
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65	PCT	95/18900	A1	08-20-1998	
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84	PCT	91/08760	A1	08-27-1991	
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92	GB	2 220 211	A*	01-04-1990	
93	GB	2 335 192	A	09-16-1999	

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Sheet 8 of 19

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sheren L. Turner-NICHOLS
Attorney Docket Number	15270J-004781US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ASD	94	ANDERSEN et al., "Do nonsteroidal anti-inflammatory drugs decrease the risk for Alzheimer's disease?" <i>Neurology</i> , 48:1441-1445 (1995).	<input type="checkbox"/>
	95	Associated Press, "Immune cells may promote Alzheimer's, a study finds," <i>The Boston Globe</i> (4/13/95).	<input type="checkbox"/>
	176	BARD et al., "Peripherally administered antibodies against amyloid β -peptide enter the central nervous system and reduce pathology in a mouse model of Alzheimer disease," <i>Nature Medicine</i> , 6(8):916-919 (2000).	<input type="checkbox"/>
	228	BARROW, et al., "Solution Conformations and aggregational Properties of Synthetic Amyloid Beta-Peptides of Alzheimer's Disease. Analysis of Circular Dichroism Spectra" <i>J. Mol. Biol.</i> , 225(4): 1075-1093 (1992).	<input type="checkbox"/>
	96	BAUER et al., "Interleukin-6 and α -2-macroglobulin indicate an acute-phase state in Alzheimer's disease cortex," <i>FEBS Letters</i> , 285(1):111-114 (1991).	<input type="checkbox"/>
	239	BEASLEY, "Alzheimer's traced to proteins caused by aging," Reuters, April 20, 2001 7:56 PM ET.	<input type="checkbox"/>
	204	BERCOVICI et al., "Chronic intravenous injections of Antigen Induce and Maintain Tolerance in T Cell Receptor-Transgenic Mice," <i>Eur. J. Immunol.</i> , 29:345-354 (1999).	<input type="checkbox"/>
	212	BICKEL et al., "Site Protected, Cationized Monoclonal Antibody Against Beta Amyloid as a Potential Diagnostic Imaging Technique for Alzheimer's Disease," <i>Proc. for Neuroscience Abstracts</i> 18:764 (1992).	<input type="checkbox"/>
	97	BLASS, John P., "Immunologic Treatment of Alzheimer's Disease," <i>New England J. Medicine</i> , 341(22):1694 (1999).	<input type="checkbox"/>
	98	BODMER et al., "Transforming Growth Factor-Beta Bound to Soluble Derivatives of the Beta Amyloid Precursor Protein of Alzheimer's Disease," <i>Biochem. Biophys. Res. Comm.</i> , 171(2):890-897 (1990).	<input type="checkbox"/>
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	100	BORIS-LAWRIE et al., "Recent advances in retrovirus vector technology," <i>Cur. Opin. Genet. Develop.</i> , 3: 102-109 (1993).	<input type="checkbox"/>

Examiner
SignatureDate
Considered

5/9/03

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Sheet

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of

19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner
Attorney Docket Number	15270J-004781US

201	BRICE et al., "Absence of the amyloid precursor protein gene mutation (APP717: Val>Ile) in 85 cases of early onset Alzheimer's disease," <i>J. Neurology, Neurosurg. Psychiatry</i> , 56:112-116 (1993).	<input checked="" type="checkbox"/>
327	CAMERON, "Recent Advances in Transgenic Technology," <i>Molecular Biotechnology</i> , 7:253-265 (1997).	<input checked="" type="checkbox"/>
285	CAPUTO et al., "Therapeutic approaches targeted at the amyloid proteins in Alzheimer's disease," <i>Clin. Neurochem.</i> , 15:414A-414B (1992).	<input checked="" type="checkbox"/>
224	Center for Biological Evaluation and Research, U.S. Food and Drug Administration, Thimerosal in Vaccines (Mercury in Plasma-Derived Products); website CONFIRMED found at: http://www.fda.gov/centerforbiologics/ahimaterial.htm , last updated May 16, 2002.	<input checked="" type="checkbox"/>
102	CHAO et al., "Transforming Growth Factor- β Protects human Neurons Against β -Amyloid-Induced Injury," <i>Soc. Neurosci. Abstracts</i> , 19:813-7 (1993).	<input checked="" type="checkbox"/>
266	CHAPMAN, PAUL F., "Model behavior," <i>Nature</i> , 406:915-916 (2000).	<input checked="" type="checkbox"/>
222	Chemical Abstracts database; Abstract of "Injection of Newborn Mice with Seven Chemical Adjuvants to Help Determine Their Safety in Use in Biologics," Chemical Abstracts database. (Publication date unknown.)	<input checked="" type="checkbox"/>
307	CHEN, et al. A learning deficit related to age and beta-amyloid plaques in a mouse model of Alzheimer's disease. <i>Nature</i> , 406(6815):975-9 (2000).	<input checked="" type="checkbox"/>
213	CHEN et al., "An Antibody to β Amyloid Precursor Protein Inhibits Cell-substratum Adhesion in Many Mammalian Cell Types," <i>Neuroscience Letters</i> 126:223-226 (1991).	<input checked="" type="checkbox"/>
302	CHUNG et al., "Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid β -Peptide by Microglial Cells," <i>J. Biol. Chem.</i> , 274(45):32301-32308 (1999).	<input checked="" type="checkbox"/>
291	COLOMA et al., "Transport Across the Primate Blood-Brain Barrier of a Genetically Engineered Chimeric Monoclonal Antibody to the Human Insulin Receptor," <i>Pharm. Res.</i> , 17:268-274 (2000).	<input checked="" type="checkbox"/>
286	CORDELL, B., " β -Amyloid formation as a potential therapeutic target for Alzheimer's disease," <i>Ann. Rev. Pharmacol. Toxicol.</i> , 34:89-89 (1994).	<input checked="" type="checkbox"/>
287	COSTA et al., "Immunosay for transthyretin variants associated with amyloid neuropathy," <i>Scand. J. Immunol.</i> , 36:177-182 (1993).	<input checked="" type="checkbox"/>
293	DALY, et al., "Detection of the membrane-retained carboxy-terminal tail containing polypeptides of the amyloid precursor protein in tissue from Alzheimer's Disease brain," <i>Life Sci.</i> , 63:2121-2131 (1998).	<input checked="" type="checkbox"/>

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SignatureDate
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PTO/BB/08B (10-01)

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Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	15270J-004781US

CDU	214	DEMATTOS et al., "Peripheral Anti A β Antibody Alters CNS And Plasma A β Clearance and Decreases Brain A β Burden in a Mouse Model of Alzheimer's Disease," <i>Proc. Natl. Acad. Sci. USA</i> , 10.1073/pnas.151261398 (2001).
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Sheet 8

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Application Number	08/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	16270-J-004761US

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sheron L. Farmer NICHOLS
Attorney Docket Number	15270-J-004781US

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Sheet 10 of 18

Complete If Known

Application Number	09/724,852
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>Nichols</i>
Attorney Docket Number	15270J-004761US

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,552
		Filing Date	November 28, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Sharon L. Turner NICHOLS
		Attorney Docket Number	15270J-004761US
Sheet 11 of 19			

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Sheet 12 of 19

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Application Number	08/724,652
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	16270J-004761UB

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Application Number	09/724,852
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner - <i>NICHOLS</i>
Attorney Docket Number	15270J-004761UB

<i>CBU</i>	135	MOGEE et al., "The encapsulation of a model protein in poly (D, L lactide-co-glycolide) microparticles of various sizes: an evaluation of process reproducibility," <i>J. Micro. Encep.</i> , 14(2): 197-210 (1997).
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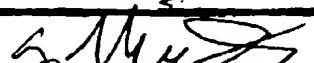
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Sheet 14 of 19

Complete if Known

Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner NICHOLS
Attorney Docket Number	15270J-004781US

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Examiner Signature		Date Considered	5/9/03

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Sheet 16 of 19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon L. Turner
Attorney Docket Number	15270J-004761US

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Sheet 18 of 19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sheron L. Turner <i>NICHOLS</i>
Attorney Docket Number	152701-004761US

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Sheet 17 of 19

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Application Number	09/24,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner N/C Hold
Attorney Docket Number	18270J-004761US

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Sheet 18 of 19

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1847
Examiner Name	Sharon L. Turner <i>NICHOLS</i>
Attorney Docket Number	15270-1-004781US

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/724,562
		Filing Date	November 28, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1647
		Examiner Name	Sharon L. Turner <i>NICHOES</i>
Sheet 19 of 19	Attorney Docket Number	15270J-004761US	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/724,552
		Filing Date	November 28, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1847
		Examiner Name	Sharon L. Turner <i>Nichols</i>
Sheet 1 of 3	Attorney Docket Number:	16270J-004781US	

U.S. PATENT DOCUMENTS					
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CS	331	WO	99/06545	A2	11-02-1999			

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Sheet 2 of 3

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Application Number	09/724,552
Filing Date	November 28, 2000
First Named Inventor	Dale B. Schenk
Art Unit	1647
Examiner Name	Sharon Turner NCHS
Attorney Docket Number	15270J-004781US

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s); publisher, city and/or country where published.	T
CSJ	332	CHEN, et al., "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice," <u>Progress in Brain Research</u> , Van Leeuwen et al. Eds, 117:327-337 (1998).	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/724,552
		Filing Date	November 28, 2000
		First Named Inventor	Dale B. Schenk
		Art Unit	1847
		Examiner Name	Sharon L. Turner - <i>Nichols</i>
Sheet: 3 of 3	- Attorney Docket Number		15270J-004781US

<i>CD</i>	338	STEIN and JOHNSON, "Lack of Neurodegeneration in Transgenic Mice Overexpressing Mutant Amyloid Precursor Protein is Associated with Increased Levels of Transthyretin and Activation of Cell Survival Pathways," <u>The Journal of Neuroscience</u> , 22(17):7380-7388 (September 1, 2002).
<i>CD</i>	339	TENNENT et al., "Serum amyloid P component prevents proteolysis of the amyloid fibrils of Alzheimer's disease and systemic amyloidosis," <u>PNAS</u> , 92:4299-4303 (1995).

Examiner Signature	<i>G. M. 108</i>	Date Considered	<i>5/19/2003</i>
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¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Applicant is to place a check mark here if English language Translation is attached.

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